

ENVIRONMENTAL PROTECTION AGENCY
REGION II
EDISON, NEW JERSEY 08817

REPLY TO
ATTN OF: 2-SA-ERI

DATE: October 17, 1975

SUBJECT: Classification of Oils - Oakite Products

ENVIRONMENTAL PROTECTION AGENCY
REGION II, BUILDING 209
EDISON, NEW JERSEY 08817

TO:

Paul R. Elliot, Chief
Emergency Response Section

As per your request, I have looked at all the materials stored at Oakite and classified the following as oils:

1. Soluble Oil: Will accept company's word that it is an oil.
2. Pine Oil: An oil from various species of pine. It is obtained from pitch soaked pine wood by steam distillation or solvent extraction followed by steam distillation.
3. Fuel Oil: Obviously an oil.
4. Varsol #1: An oil - a petroleum distillate.

Substances I could not classify in the time allotted for research:

Pale Oil: I could find no reference.

Saf-T-Sol 102: Reportedly made by Certified Laboratories, but I could not locate an address or phone number.

Aromatic Solvent: Insufficient information to classify.

Dispentene: I could not find a material by this name. I did locate a trade name, Dipentene, which is a 50-50 mixture of the d and l isomers of limonene, a C₁₀ noncyclic hydrocarbon. I won't pursue further as enough material is on property which could be classified an oil. Regard for safety is not defined.

Pale Oil: Could find no definition of pale oil in literature.

Alox 2028 - Non-Oil: An oxygenated hydrocarbon in which a portion of free organic acid is neutralized with barium. Melting point is 95°F. A difficult classification but I would classify non-oil even though a case for oil could be made.

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Some of these classifications were difficult to make, and it involved location of trade name, location of company, location of company phone number, contact with company and subsequent classification.

A handwritten signature in dark ink, appearing to read 'M. Polito', is centered below the text.

Michael V. Polito
Emergency Response & Inspection Branch